

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01518AT

*This certificate issued to* John Jewell Aircraft, Inc.  
PO Box 399  
Holly Springs, MS 38635

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number:* 3A13  
*Make:* Cessna  
*Model:* 182 Series

*Description of Type Design Change:*

Installation of a McCauley C234C204/90DCB-8 propeller to a Teledyne Continental Motors Model O-470-U modified in accordance with either Supplemental Type Certificate (STC) SE01153AT or STC SE03701AT. Modifications in accordance with STC SE01153AT are in accordance with either:

Bonaire Aviation Company document BOAC 1028A, "Instructions - continental O-470-U STC number SE01153AT (252 BHP) Installation on Cessna 182 Series Aircraft with Bonaire engine mount change and 2 blade propeller," Revision (orig.), dated November 1, 1997 or later FAA approved revisions; or,

Bonaire Aviation Company document BOAC 1028B, "Instructions- Continental O-470-U STC Number SE01153AT (252 BHP) Installation on Cessna 182 Series Aircraft with standard engine mount change and 2 blade propeller," revision (orig.), dated November 1, 1997, or later FAA approved revisions.

Modifications in accordance with STC SE03701AT are in accordance with John Jewell Aircraft, Inc., Cessna document JJA1028-1, "182 O470U (252 BHP) SA01581AT Installation Manual," Revision A, dated March 31, 2010, or later FAA approved revisions.

*Limitations and Conditions:* 1. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. (See continuation sheets)

*This certificate and the supporting data which is the basis for approval shall main in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the*

*Date of application:* September 21, 1997

*Date reissued:* January 27, 1999

*Date of issuance:* March 13, 1998

*Date amended:* April 19, 2010

*Federal Aviation Administration.*

*By direction of the Administrator*



*(Signature)*  
Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office  
*(Title)*

United States of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA01518AT

*Limitations and Conditions (Continued):*

2. The following Bonaire Aviation Company Supplemental Airplane Flight Manuals or later FAA approved revisions are required with the STC SE01153AT installation:

For Cessna Model 182 s/n 33000 thru 33842 and Cessna Model 182A s/n 33843 thru 51556:

"FAA approved Supplemental Airplane Flight Manual, (Supplement #001)," dated March 13, 1998.

For Cessna Model 182B s/n 51557 thru 52358, Cessna Model 182C s/n 52359 thru 53007, and Cessna Model 182D s/n 18253008 thru 18253598:

"FAA approved Supplemental Airplane Flight Manual, (Supplement #002)," dated March 13, 1998.

For Cessna Model 182E s/n 18253599 thru 18254423, and Cessna Model 182F s/n 18254424 thru 18255058:

"FAA approved Supplemental Airplane Flight Manual, (Supplement #003)," dated March 13, 1998.

For Cessna Model 182G s/n 18255059 thru 18255844, Cessna Model 182H s/n 18255845 thru 18256684, Cessna Model 182J s/n 18256685 thru 18257625, Cessna Model 182K s/n 18257626 thru 18258505, Cessna Model 182L s/n 18258506 thru 18259305, and Cessna Model 182M s/n 18259306 thru 18260055:

"FAA approved Supplemental Airplane Flight Manual, (Supplement #004)," dated March 13, 1998.

For Cessna Model 182N s/n 18260056 thru 18260825, and Cessna Model 182P s/n 18260826 thru 18264295:

"FAA approved Supplemental Airplane Flight Manual, (Supplement #005)," dated March 13, 1998.

For Cessna Model 182P s/n 18264296 thru 18265175, Cessna Model 182Q s/n 18265176 thru 18267715, and Cessna Model 182R s/n 18267716 thru Subsequent:

"FAA approved Supplemental Airplane Flight Manual, (Supplement #006)," dated March 13, 1998.

3. The following John Jewell Aircraft, Inc., Supplemental Airplane Flight Manuals or later FAA approved revisions are required with the STC SE03701AT installation:

For Cessna Model 182 s/n 33000 thru 33842 and Cessna Model 182A s/n 33843 thru 51556:

"FAA Approved Supplemental Airplane Flight Manual," document no. JJA1028-10A, dated April 19, 2010.

For Cessna Model 182B s/n 51557 thru 52358, Cessna Model 182C s/n 52359 thru 53007, and Cessna Model 182D s/n 18253008 thru 18253598:

"FAA Approved Supplemental Airplane Flight Manual," document no. JJA1028-20A, dated April 19, 2010.

For Cessna Model 182E s/n 18253599 thru 18254423, and Cessna Model 182F s/n 18254424 thru 18255058:

"FAA Approved Supplemental Airplane Flight Manual," document no. JJA1028-30A, dated April 19, 2010.

For Cessna Model 182G s/n 18255059 thru 18255844, Cessna Model 182H s/n 18255845 thru 18256684, Cessna Model 182J s/n 18256685 thru 18257625, Cessna Model 182K s/n 18257626 thru 18258505, Cessna Model 182L s/n 18258506 thru 18259305, and Cessna Model 182M s/n 18259306 thru 18260055:

"FAA Approved Supplemental Airplane Flight Manual," document no. JJA1028-40A, dated April 19, 2010.

For Cessna Model 182N s/n 18260056 thru 18260825, and Cessna Model 182P s/n 18260826 thru 18264295:

"FAA Approved Supplemental Airplane Flight Manual," document no. JJA1028-50A, dated April 19, 2010.

For Cessna Model 182P s/n 18264296 thru 18265175, Cessna Model 182Q s/n 18265176 thru 18267715, and Cessna Model 182R s/n 18267716 thru subsequent:

"FAA Approved Supplemental Airplane Flight Manual," document no. JJA1028-60A, dated April 19, 2010.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.